



App No.: 10/645,645

Docket No.: M4065.0674/P674

Inventor: Chandra Mouli

Title: HIGH GAIN, LOW NOISE, PHOTODIODE SENSOR FOR
IMAGE SENSORS AND METHOD OF FORMATION

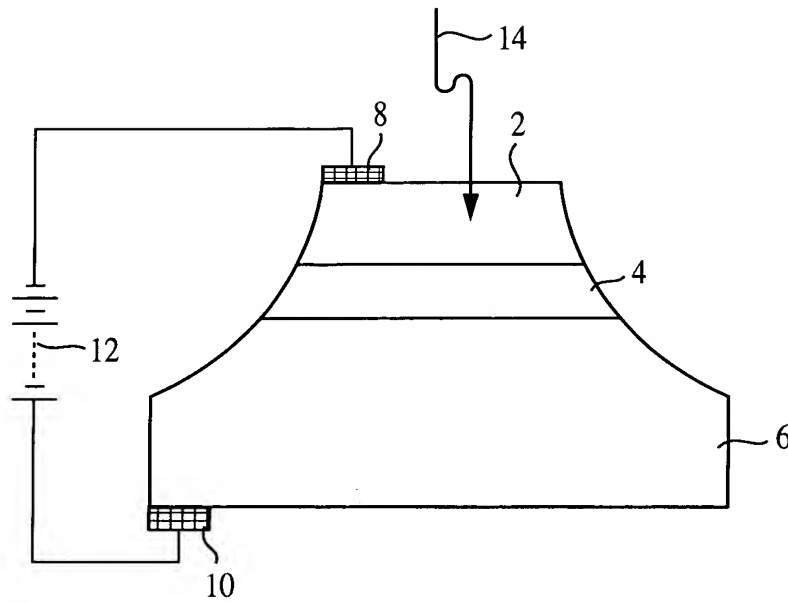


FIG. 1
(PRIOR ART)

FIG. 3



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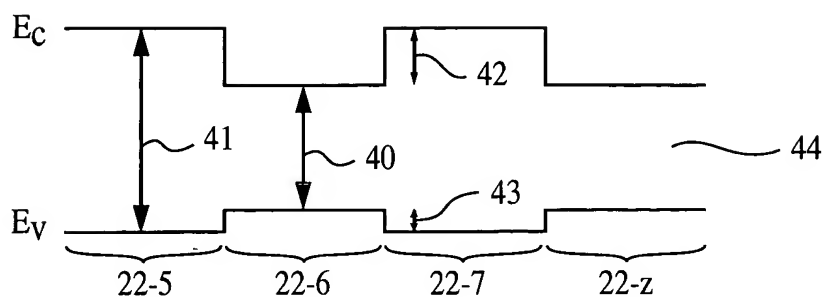


FIG. 4A

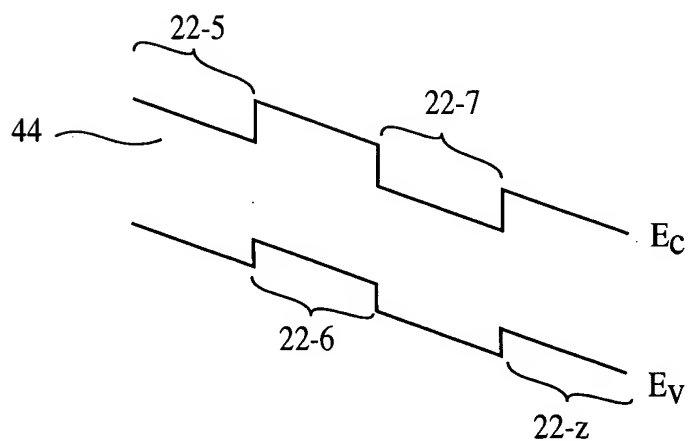


FIG. 4B



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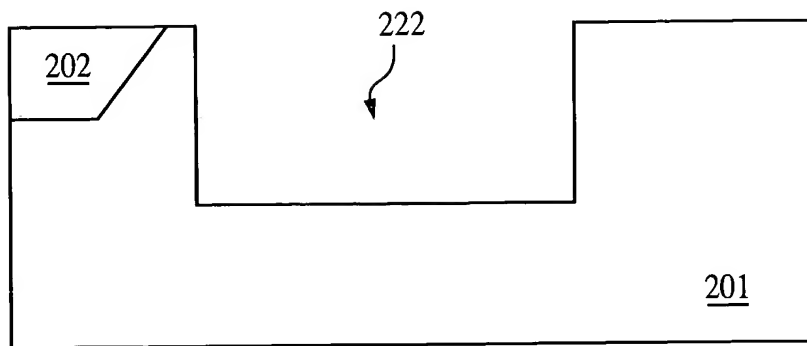


FIG. 5A

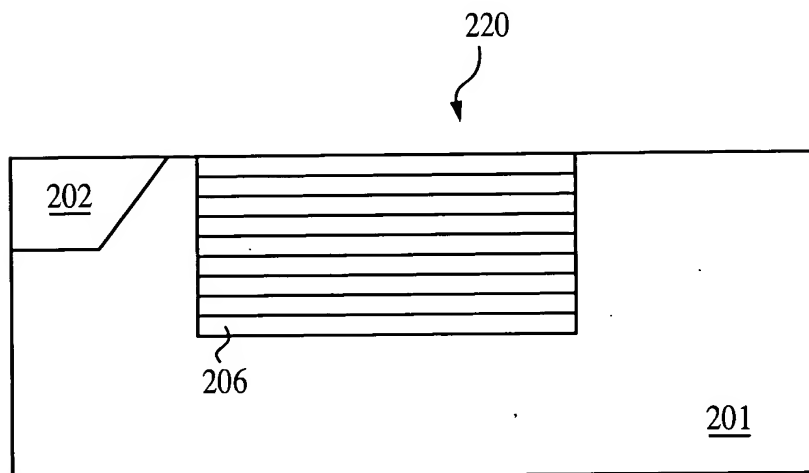


FIG. 5B

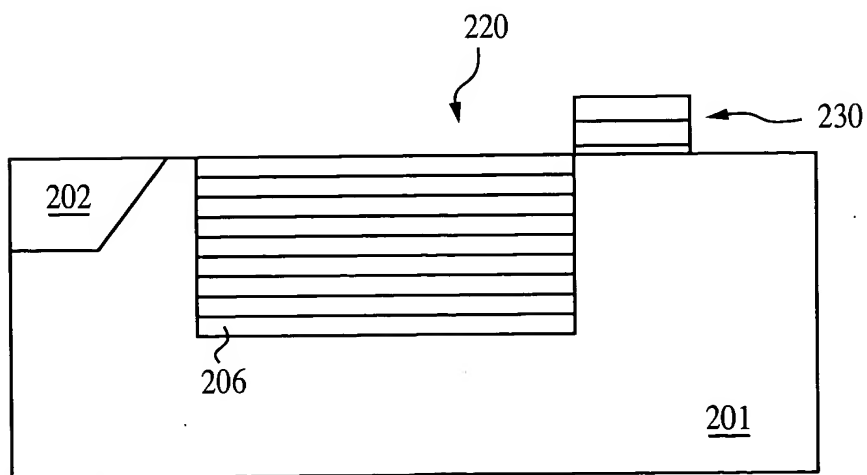


FIG. 5C

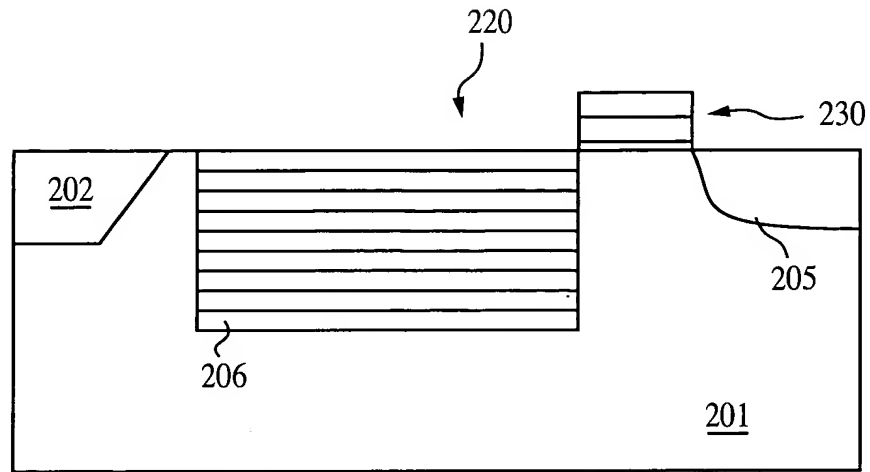


FIG. 5D

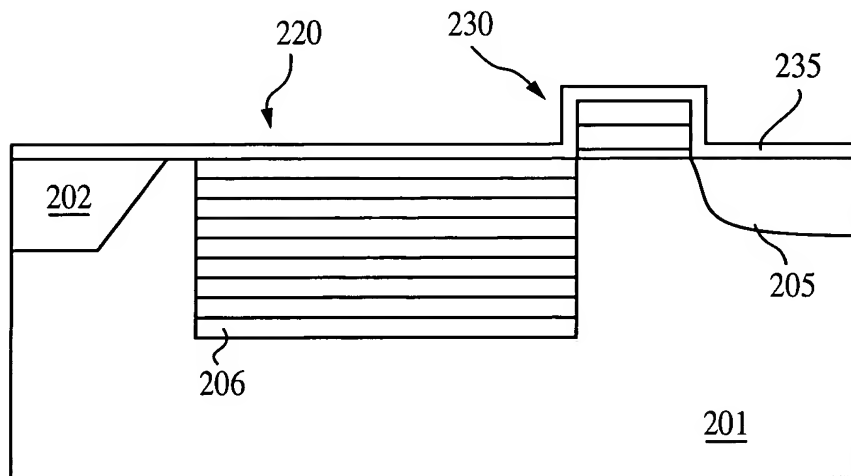


FIG. 5E



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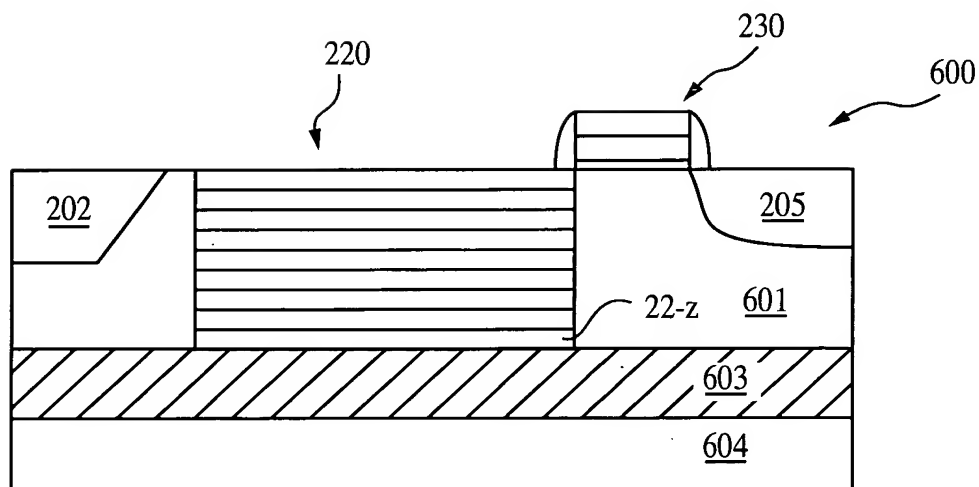


FIG. 6



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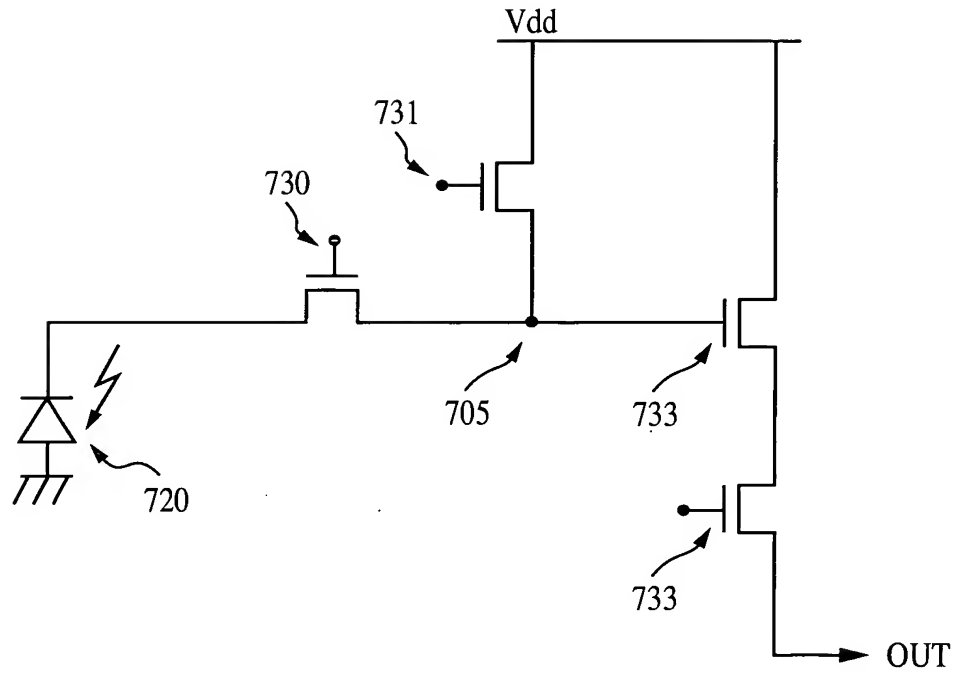


FIG. 7

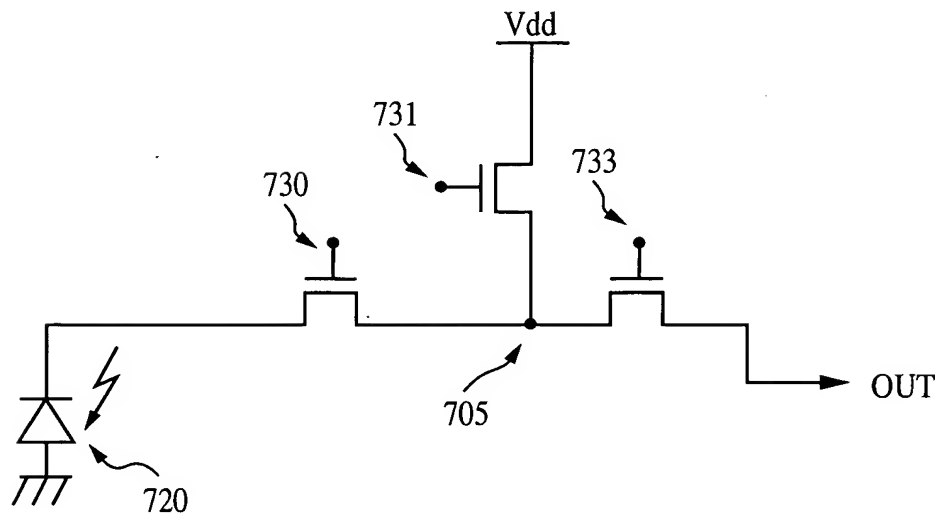


FIG. 8

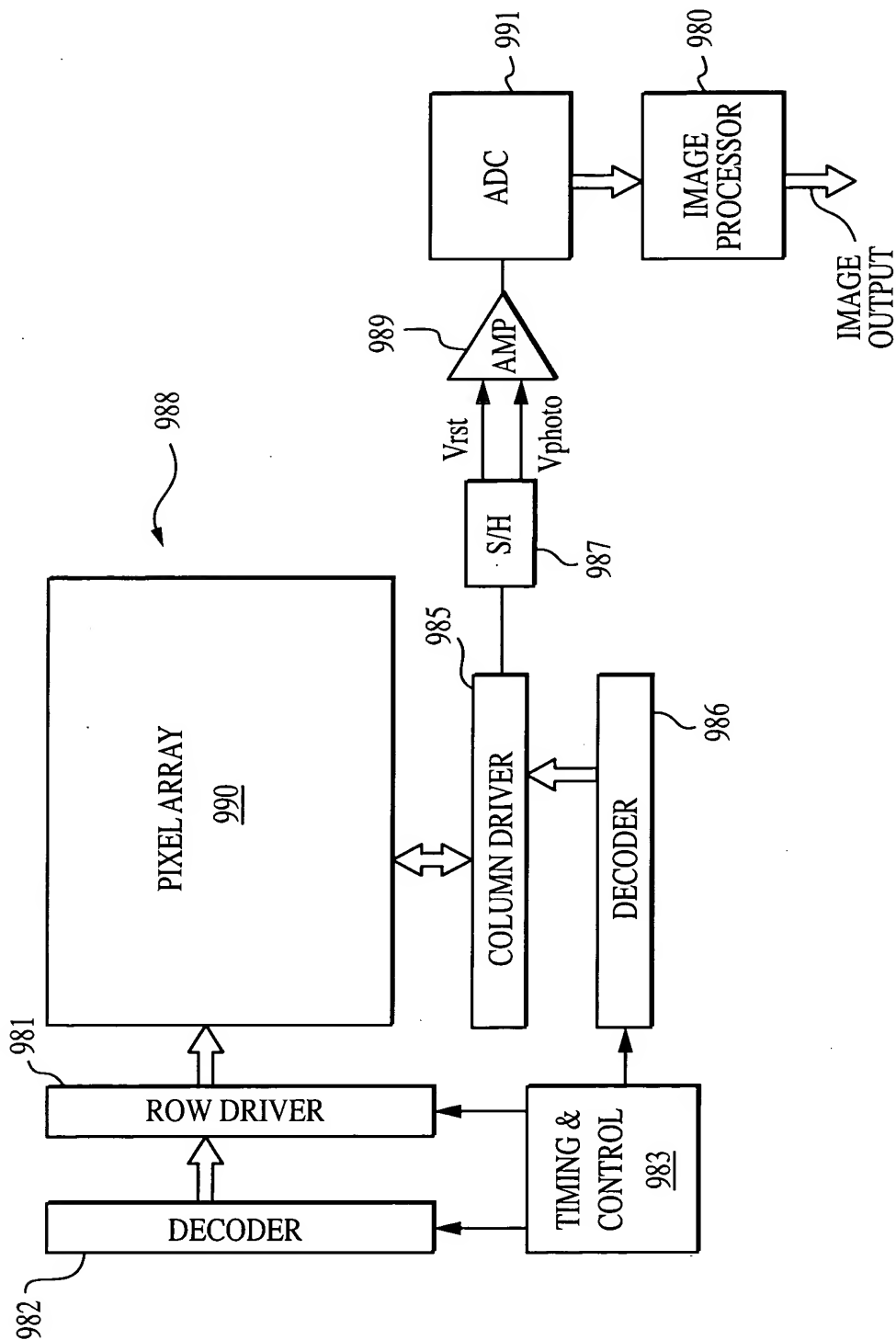


FIG. 9

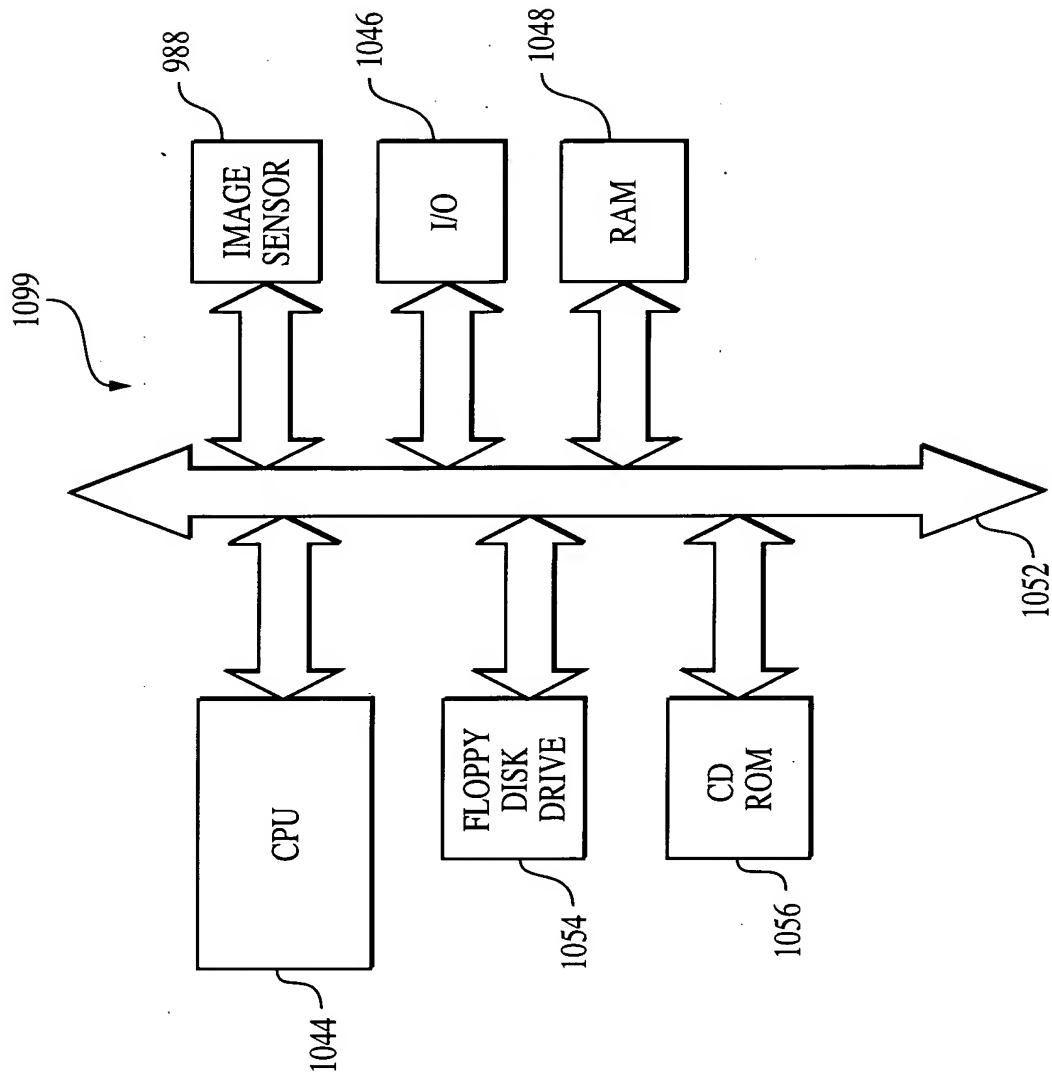
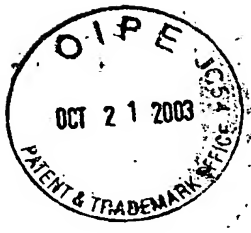


FIG. 10